
Subject: mapping problem

Posted by [mkmvma](#) on Wed, 03 Apr 2013 19:58:29 GMT

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Hello,

I have a question regarding map plotting. I am using coyote library to plot it. I can plot a global contour map but there are some things that I would like to change in the plot.

1) It plots a nice map but there is a white line along zero degree longitude. How can I fill this in?

2) It puts labels on all of the 4 axes and all I need is label on only two axes.

The plotting statement I use is as follows:

```
cgLoadCT, 33, NColors=nlevels, Bottom=1, Clip=[0, 255]
```

```
;cgLoadCT, 33, /Brewer, NColors=10, Bottom=1, /Reverse
```

```
position = [0.1, 0.30, 0.8, 0.95]; [0.125, 0.125, 0.9, 0.800]
```

```
cbposition = [0.1, 0.25, 0.8, 0.26]; [0.125, 0.865, 0.9, 0.895]
```

```
; Set up the map projection and overlay the contour plot.
```

```
cgMap_Set, POSITION=position
```

```
cgContour, anomaly, lon, lat, /overplot, /Cell_Fill, $
```

```
  C_Colors=Indgen(nlevels)+1, Levels=levels, charsize=0.6, $
```

```
  title='Precipitation Trend'
```

```
Cgtext, 0.45, 0.99, ALIGNMENT=0.5, /NORMAL, 'Precipitation Trend (1996-2009)', $
```

```
  charsize=0.8
```

```
cgMap_Grid, Map=map, /Box, lonlabel=3, latlabel=3, charsize=0.6
```

```
cgMap_Continents, Map=map, Color='black'
```

```
cgColorbar, Range=[(Min(levels)), (Max(levels))], OOB_High=nlevels, $
```

```
  NColors=nlevels-1, Bottom=1, /Discrete, $
```

```
  Title='Trend (mm/day/decade)', $
```

```
  POSITION=cbposition, charsize=0.8; [0.88, 0.9, 0.90, 0.8]; [x0, y0, x1, y1]
```

Thanks,

Mahesh
